Bulletin of Experimental Biology and Medicine 2013 vol.154 N5, pages 635-637

Nitric oxide level in the rat tissues increases after 30-day hypokinesia: Studies by electron paramagnetic resonance (EPR) spectroscopy

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Abstract

Studies by EPR spectroscopy showed that 30-day exposure of rats to augmenting hypokinesia led to a 3-fold increase in nitric oxide (NO) production in the heart and 2-fold in the liver. These results indicated that long-term hypokinesia stimulated NO synthesis. © 2013 Springer Science+Business Media New York.

http://dx.doi.org/10.1007/s10517-013-2018-3

Keywords

electron paramagnetic resonance, heart, hypokinesia, liver, nitric oxide